

WEST OSO JUNIOR HIGH SCHOOL
COURSE CATALOG
2023-2024



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High School Graduation Requirements

A student entering Grade 9 in the 2015-2016 school year and thereafter shall enroll in the courses necessary to complete the curriculum requirements for the Foundation High School Program (22 credits) specified in § 74.12 of this title and the curriculum requirements for at least one endorsement (26 credits) specified in §74.13 of this title (relating to Endorsements). A student may graduate under the Foundation High School Program without earning an endorsement if, after the student's sophomore year: (1) the student and the student's parent or person standing in parental relation to the student are advised by a school counselor of the specific benefits of graduating from high school with one or more endorsements; and (2) the student's parent or person standing in parental relation to the student files with a school counselor written permission, on a form adopted by the Texas Education Agency (TEA), allowing the student to graduate under the Foundation High School Program without earning an endorsement.

Course	Foundation Plan
English	4 *
Math	3 (*Distinguished Level of Achievement requires 4)
Science	3 (*Distinguished Level of Achievement requires 4)
Social Studies	3
Foreign Language	2
Physical Education	1
Speech	.5
Health	.5
Fine Arts	1
Technology	1
Electives	5

***Distinguished Level of Achievement**

A student may earn a Distinguished Level of Achievement by successfully completing:

- The Foundation High School Program requirements
- Four credits in mathematics, including Algebra II
- Four credits in science
- The curriculum requirements for at least one Endorsement

High School Endorsements

High school endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area. Students must select an endorsement before entering 9th grade. Students can choose from five endorsement areas:

Science, Technology, Engineering, and Mathematics (STEM)
Business and Industry
Public Service
Arts and Humanities
Multidisciplinary Studies

Middle School Courses for High School Credit

- Algebra I Pre-AP
- Gateway to Technology to support STEM endorsement (PLTW)
- Professional Communications (Speech)
- SUBJ I, JROTC I

Eligible high school credited courses taken in junior high will calculate into a student's high school grade point average (GPA). Refer to "High School Weighted Grade System (Rank)" pg. 23. A GPA is a mathematical summary of a student's academic record that will determine class ranking.

**Courses depend on availability.*

Gifted/Talented Program

West Oso ISD offers programs for gifted and talented students in grades K-12. All GT students are required to complete a GT project and may be required to take a GT prep class. At the high school level, the gifted/talented students are served primarily through the Pre-Advanced Placement, and Advanced Placement. Additionally, the Distinguished Level of Achievement Program is designed to meet the needs of gifted/talented students. Contact a counselor for additional information.

Pre-AP and Honors Courses

6th - 8th Grade English Language Arts and Reading Honors

6th - 8th Grade Science Honors

6th - 8th Grade Social Studies Honors

6th - 8th Grade Math Honors

8th Grade Algebra I Pre-AP

Course Descriptions and the Scheduling Process

In the course description section that follows, you will find a brief description of each course offered at West Oso Junior High School listed under the appropriate grade level. The course descriptions include which specified courses may be taken and any prerequisites and recommendations. Elective courses are offered to meet student interest. Students are urged to plan carefully. Although students will receive specific instructions and assistance from the school counselor during the pre-registration process, the responsibility for selecting appropriate career and graduation choices rests with students and parents. Students will choose specific courses with parent approval and counselors will verify that those choices will meet preparation for each grade level requirements.

Required Courses

All students at West Oso Junior High School are required to take the four core area subjects: Math, Reading, Science, and Social Studies. All 6th and 7th grade students are required to take Physical Education (PE) for two years at the middle school level. Athletics may be substituted for PE by any 7th grade student who chooses to participate in at least two (2) sports throughout the school year. All 6th grade students are required to take a technology course. All 7th grade students are required to take Investigating Careers. All 8th grade students are required to take a semester of Health and a semester of Professional Communications (Speech).



GRADE SIX COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS

English Language Arts and Reading 6 (03200510)

Course Code: 00004600

Grade: 6

Prerequisites: None

Students read a wide variety of literary forms and explore different cultures and historical periods through literature. Emphasis is placed on reading comprehension, vocabulary development, and application of the literary elements. Students respond to literature through journal entries, essays, creative products, and graphic organizers. Students are provided direct instruction, modeling, practice, and application of the purposes and forms of writing for a variety of audiences. Students read and respond to various genres focusing on the development of effective listening, speaking, reading, research, and writing skills aligned to the TEKS.

English Language Arts and Reading Honors 6 (03200510)

Course Code: 00004602

Grades: 6

Prerequisites: Passing previous year Reading STAAR & Teacher Recommendation

This course is for those students who show high academic ability for reading. Students read a variety of literary forms and explore different cultures and historical periods through literature. Emphasis is placed on an in-depth mastery of the 6th grade TEKS, reading comprehension, vocabulary development, and application of literary elements. Students respond to literature through journal entries, essays, creative products, and graphic organizers. Students are provided direct instruction, modeling, practice, and application of the purposes and forms of writing for a variety of audiences. Students read and respond to various genres focusing on the development of effective listening, speaking, reading, research, and writing skills aligned to the TEKS. Students are given the opportunity to practice skills that enable them to be successful in Pre-AP and AP classes at the high school level. The curriculum exposes students to the type of expectations, activities, and assessments required by The College Board AP Program.

MATHEMATICS

Mathematics 6 (02820000)

Course Code: 00004615

Grade: 6

Prerequisites: None

Students will review place value, addition, subtraction, multiplication, division of whole numbers, and fractions. Decimals, percent, ratio and proportions, equations and inequalities, personal finance, geometry and measurement are introduced. Students will also use probability and statistics to collect and interpret data and to gain experience in solving problems.

Mathematics Honors 6 (02820000)

Course Code: 00004635

Grades: 6

Prerequisites: Passing previous year Reading STAAR & Teacher Recommendation

This course is for those students who show high academic ability for math. The course requires in-depth mastery of the 6th grade TEKS as well as 7th grade TEKS. Supplemental pre-algebra work will be given. Word problems are stressed with time devoted to logical thinking processes. Students are expected to perform at the mastery level on the STAAR Math Test. Students are given the opportunity to practice skills

that enable them to be successful in Pre-AP and AP classes at the high school level. The curriculum exposes students to the type of expectations, activities, and assessments required by The College Board AP Program.

SCIENCE

Science 6 (02830000)

Course Code: 00004650

Grade: 6

Prerequisites: None

This course will have a balance of science processes, content, and activities. While life and earth science content is covered, the focus of the course will be physical science.

Science Honors 6 (02830000)

Course Code: 00004652

Grade: 6

Prerequisites: Teacher Recommendation

This course is for those students who exhibit a high interest in science. The course covers the regular 6th grade science curriculum, with emphasis given to the depth and complexity of the content through more difficult laboratory, computer, graphing, and mapping activities. Students are given the opportunity to practice skills that enable them to be successful in Pre-AP and AP classes at the high school level. The curriculum exposes students to the type of expectations, activities, and assessments required by The College Board AP Program.

SOCIAL STUDIES

Social Studies 6 (02870000)

Course Code: 00004640

Grade: 6

Prerequisites: None

This course provides the students an introduction to civic and social responsibilities along with awareness of cultural factors affecting human behavior. Political and economic systems and other historical data on the state, national, and world level are studied. Emphasis is placed on map and globe skills. Group work and projects are part of the course.

Social Studies Honors 6 (02870000)

Course Code: 00004642

Grade: 6

Prerequisites: Teacher Recommendation

This course is for those students who show high academic ability and interest for social studies. The course develops the same skills and concepts as regular social studies curriculum, but the content will have more depth and complexity. Intensive writing, informal classroom debates on Historical issues, and mini projects are required. The curriculum exposes students to the type of expectations, activities, and assessments required by The College Board AP Program.

PHYSICAL EDUCATION

Physical Education 6 (02850000)

Course Code: 00004948

Grade: 6

Prerequisites: None

This course is a fitness and health program which emphasizes full participation in a variety of individual and team sports, recreational games, and rhythmic activities. The proper use of weights is introduced. Students are required to take physical education for two years at the junior high school.

Pre-Athletics 6 (02850000)

Course Code: 00004949

Grade: 6

Prerequisites: Teacher Recommendation and plan to play sports during 7th and 8th grade year.

This course is a course for students interested in participating in UIL sports during their 7th and 8th grade school years. It is a course concentrating on fitness and health programs which emphasize full participation in a variety of individual and team sports activities. The proper use of weights is introduced. Students are required to take physical education for two years at the junior high school.

TECHNOLOGY

Technology Applications 6 (02670060)

Course Code: 00004983

Grade: 6

Prerequisites: None

Technology Applications is a full year course that includes instruction in the use of hardware and software, spreadsheets, word processing, database and multimedia. Students will learn basic data entry, storage and retrieval of information.



GRADE SEVEN COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS

English Language Arts and Reading 7 (03200520)

Course Code: 00004700

Grade: 7

Prerequisites: None

Students read a wide variety of literary forms and explore different cultures and historical periods through literature. Emphasis is placed on reading comprehension, vocabulary development, and application of the literary elements. Students respond to literature through journal entries, essays, creative products, and graphic organizers. This course also covers objectives that develop skills necessary to plan and generate quality written compositions by focusing on the development of effective drafting, revising, and editing techniques. Emphasis is placed on applying rules of correct grammar, sentence structure, and spelling.

English Language Arts and Reading Honors 7 (03200520)

Course Code: 00004702

Grade: 7

Prerequisites: Passing previous year Reading STAAR at mastery level & Teacher Recommendation

This course is for those students who show high academic ability for reading. Students read a wide variety of literary forms and explore different cultures and historical periods through literature. Emphasis is placed on an in-depth mastery on the 7th grade TEKS, reading comprehension, vocabulary development, and application of the literary elements. Students respond to literature through journal entries, essays, creative products, and graphic organizers. Students are given the opportunity to practice skills that enable them to be successful in Pre-AP and AP classes at the high school level. The curriculum exposes students to the type of expectations, activities, and assessments required by The College Board AP Program.

MATHEMATICS

Mathematics 7 (03103000)

Course Code: 00004715

Grade: 7

Prerequisites: None

The seventh-grade mathematics course includes the study of whole numbers, decimals, fractions, percent, ratio and proportion, personal finance, integers, and geometry. Emphasis is placed upon basic skills. Students are encouraged to solve problems by matching strategies to given equations. Measurement concepts and skills and the use of probability and statistics to collect and interpret data are also taught.

Pre-Algebra 7 (03100500)

Course Code: 00004836

Grade: 7

Prerequisites: Passing previous year Math STAAR & Teacher Recommendation

This course is for those students who show high academic ability for math. The course requires in-depth mastery of the 7th grade and 8th grade TEKS. Pre-algebra work will be given. Word problems are stressed with time devoted to logical thinking processes. Students are given the opportunity to practice skills that enable them to be successful in Pre-AP and AP classes at the high school level. The curriculum exposes students to the type of expectations, activities, and assessments required by The College Board AP Program.

SCIENCE

Science 7 (03060700)

Course Code: 00004750

Grade: 7

Prerequisites: None

This is a developmentally appropriate laboratory/field-oriented course that focuses on life science but integrates principles from chemistry, physics, and earth science. Lessons on the effects of drugs and alcohol and personal health are included in the curriculum. Units on career opportunities and the application in daily life are part of the course.

Science Honors 7 (03060700)

Course Code: 00004752

Grade: 7

Prerequisites: None

This course is for those students who exhibit a high interest in science. The course covers the regular 7th grade science curriculum, with emphasis given to the depth and complexity of the content through more difficult laboratory, computer, graphing, and mapping activities. Students are given the opportunity to practice skills that enable them to be successful in Pre-AP and AP classes at the high school level. The curriculum exposes students to the type of expectations, activities, and assessments required by The College Board AP Program.

SOCIAL STUDIES

Texas History (03343000)

Course Code: 00004740

Grade: 7

Prerequisites: None

This course is a survey of the political and social history of Texas including its geography and economic growth from prehistoric time to the present. The role and significance of French, Spanish, and Mexican cultures are studied. Democratic attitudes, values, and skills for citizenship are stressed as appropriate.

Texas History Honors (03343000)

Course Code: 00004742

Grade: 7

Prerequisites: None

This course is for those students who show a high academic ability and interest for social studies. The course develops the same skills and concepts as the regular Texas History curriculum but the content will have more depth and complexity. Intensive writing, informal classroom debates on historical issues, and mini projects are required of the student.

PHYSICAL EDUCATION

Physical Education (03823000)

Course Code: 00004945

Grade: 7

Prerequisites: None

This course is a fitness and health program which emphasizes full participation in a variety of individual and team sports, recreational games, and rhythmic activities. The proper use of weights is introduced. Students are required to take physical education for two years in middle school.

Athletics (Boys) (03823000)

Course Code: 00004956

Grade: 7

Prerequisites: None

This course will teach the values of team work, and the improvement of fundamentals, and knowledge of the rules of a particular sport. Off-season activities will also be integrated in this course and will include weightlifting and conditioning programs. Students from this course will be selected to participate in UIL competition. Passing grades in all enrolled classes is required to participate in UIL events according to UIL No Pass No Play Rule.

Athletics (Girls) (03823000)

Course Code: 00004950

Grade: 7

Prerequisites: None

This course will teach the values of team work, and the improvement of fundamentals, and knowledge of the rules of a particular sport. Off-season activities will also be integrated in this course and will include weightlifting and conditioning programs. Students from this course will be selected to participate in UIL competition. Passing grades in all enrolled classes is required to participate in UIL events according to UIL No Pass No Play Rule.

TECHNOLOGY

Investigating Careers (12700400)

Course Code: 00004987

Grade: 7

Prerequisites: None

The goal of this course is to create a foundation for success in high school, future studies, and careers such as Science, Technology, Engineering, and Mathematics; Business and Industry; Public Service; Arts and Humanities; and Multidisciplinary Studies. The students research labor market information, learn job-seeking skills, and create documents required for employment. Career and technical education instruction provides content aligned with challenging academic standards and relevant technical knowledge and skills for students to further their education and succeed in current or emerging professions.



GRADE EIGHT COURSE DESCRIPTIONS

ENGLISH LANGUAGE ARTS

English Language Arts and Reading (03200530)

Course Code: 00004800

Grade: 8

Prerequisites: None

Students read a wide variety of literary forms and explore different cultures and historical periods through literature. Emphasis is placed on reading comprehension, vocabulary development, and application of the literary elements. Students respond to literature through journal entries, essays, creative products, and graphic organizers. Students are provided direct instruction, modeling, practice, and application of the purposes and forms of writing for a variety of audiences. Students read and respond to various genres focusing on the development of effective listening, speaking, reading, research, and writing skills aligned to the TEKS.

English Language Arts and Reading Honors (03200530)

Course Code: 00004840

Grade: 8

Prerequisites: Passing previous year Reading STAAR & Teacher Recommendation

This course is for those students who show high academic ability for reading. Students read a variety of literary forms and explore different cultures and historical periods through literature. Emphasis is placed on an in-depth mastery of the 8th grade TEKS, reading comprehension, vocabulary development, and application of literary elements. Students respond to literature through journal entries, essays, creative products, and graphic organizers. Students are provided direct instruction, modeling, practice, and application of the purposes and forms of writing for a variety of audiences. Students read and respond to various genres focusing on the development of effective listening, speaking, reading, research, and writing skills aligned to the TEKS. Students are given the opportunity to practice skills that enable them to be successful in Pre-AP and AP classes at the high school level. The curriculum exposes students to the type of expectations, activities, and assessments required by The College Board AP Program.

MATHEMATICS

Mathematics (03103100)

Course Code: 00004805

Grade: 8

Prerequisites: None

This course includes the study of: algebra, data analysis, statistics, and probability, geometry and spatial sense, measurement, number and operations, patterns and functions, and problem solving. Students are expected to solve problems by matching strategies to given situations that are real world applicable. Emphasis is placed on logical thinking processes. Daily homework and/or tutorials may be required.

Algebra I Pre-AP (High School Credit: 1) (03100500)

Course Code: 00004836

High School Credit: 1

Grade: 8

Prerequisites: Passing Pre-Algebra, passing previous year Math STAAR & Teacher Recommendation;

This curriculum is designed to meet the needs of those students who are gifted in Math. It requires in depth mastery of the high school Pre-AP Algebra I requirements and uses the high school textbook. The TEKS include variables and open structures, equations, inequalities and problem solving, polynomials,

factoring, fractions, quadratic equations and graphing – all in word problem formats. Other characteristics of the course include content immersion, a fast pace and assessment of performance at high levels of thinking. Daily homework may be required. Students who pass the course will receive high school Algebra I credit.

Note: The grade earned will be calculated in the student's high school GPA. Students will be required to take the EOC Algebra I test.

SCIENCE

Science 8 (03060800)

Course Code: 00004820

Grade: 8

Prerequisites: None

This is a developmentally appropriate laboratory/ field-oriented course that focuses on earth science but incorporates principles from biology, chemistry and physics. Units on career opportunities and the application of science in daily life are part of the course.

Science Honors 8 (03060800)

Course Code: 00004822

Grade: 8

Prerequisites: Teacher Recommendation

This course is for those students who exhibit a high interest in science. The course covers the regular 8th grade science program. In addition, emphasis is placed in the depth and complexity of the content through more difficult laboratory, computer, graphing, and mapping activities. Students are given the opportunity to practice skills that enable them to be successful in Pre-AP and AP classes as the high school level.

SOCIAL STUDIES

Social Studies 8 (03343100)

Course Code: 00004810

Grade 8

Prerequisites: None

This course is a survey of American History from prehistoric through the United States Civil War and Reconstruction. It stresses the geographic, economic, political, social and cultural influences on the development of the United States. Democratic attitudes, values, and skills for citizenship are stressed as appropriate.

Social Studies 8 Honors

Course Code: 00004812 (03343100)

Grade 8

Prerequisites: Teacher Recommendation

This course is for those students who show a high academic ability and interest for social studies. The course develops the same skills and concepts as regular American History, but the content has more depth and complexity. Critical thinking, intensive writing and activities, informal classroom debates on historical issues, and mini-projects are required of the student.

PHYSICAL EDUCATION & HEALTH

Physical Education (03823000)

Course Code: 00004945

Grade: 8

Prerequisites: None

This course is a fitness and health program which emphasizes full participation in a variety of individual and team sports, recreational games, and rhythmic activities. The proper use of weights is introduced. Students are required to take physical education for two years in middle school.

Athletics (Boys) (03823000)

Course Code: 00004955

Grade: 8

Prerequisites: None

This course will teach the values of team work, and the improvement of fundamentals, and knowledge of the rules of a particular sport. Off-season activities will also be integrated in this course and will include weightlifting and conditioning programs. Students from this course will be selected to participate in UIL competition. Passing grades in all enrolled classes is required to participate in UIL events according to UIL No Pass No Play Rule.

Athletics (Girls) (03823000)

Course Code: 00004950

Grade: 8

Prerequisites: None

This course will teach the values of team work, and the improvement of fundamentals, and knowledge of the rules of a particular sport. Off-season activities will also be integrated in this course and will include weightlifting and conditioning programs. Students from this course will be selected to participate in UIL competition. Passing grades in all enrolled classes is required to participate in UIL events according to UIL No Pass No Play Rule.

SUBJ1, JROTC 1 (03160100)

Course Code: 000049501

High School Credit: 1

Grade: 8

Prerequisites: None

JROTC I serves as the foundation for the development of “fellowship” skills. The goals of the JROTC program are explained, stud skills are developed, Military Customs and courtesies are demonstrated, and rudimentary marching skills are started. Performance requirements are limited to preparation and participation in the Unit Military Inspection. The commencement of leadership and command skills begin through Involvement in Unit competitive teams. Students will learn to make informed decisions based on participation in Leadership Academies. JROTC covers a multi- disciplinary curriculum spanning Leadership, Social Science, Geography, History through 1860, and Health Education. Upon successful completion of JROTC 1, PE substitution credit will be awarded instead of JROTC credit.

NOTE: Grades earned in high school credited courses will be calculated in the student’s high school GPA in accordance with EIC(LOCAL) policy.

Health (03813000)

Course Code: 00004300

Grade: 8

Prerequisites: None

Health provides health concepts and skills appropriate for the developing adolescent. Includes such topics as growth and development; nutrition; communicable diseases; and adverse effects of drugs, alcohol, and tobacco.

PROFESSIONAL COMMUNICATIONS- Speech (13009900)

Course Code: 00004302

High School Credit: 0.5

Grade: 8

Prerequisites: None

Professional Communications blends written, oral, and graphic communication in a career- based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct internet research.

NOTE: Grades earned in high school credited courses will be calculated in the student's high school GPA in accordance with EIC(LOCAL) policy.



ELECTIVES

FINE ARTS:

Beginning Band I (03154130)

Course Code: 00004942

Grade: 6-8

Prerequisites: None

Beginning students are taught fundamental music skills on wind and percussion instruments. Instruments, selected by an instructor, are chosen for the students with their physical and musical abilities taken into consideration. Beginning band will be divided into sections based on the instrument chosen.

Band II (JV Band) (03154230)

Course Code: 00004933

Grade: 7-8

Prerequisites: Beginning Band I

The student describes and analyzes music and musical sound. The student explores fundamental skills appropriate for a developing young musician. The student reads and writes music notation using an established system for rhythm and melody. The student makes music at an appropriate level of difficulty and performs in a variety of genres from notation and by memory.

Band III (Varsity Band) (03154333)

Course Code: 00004931

Grade: 8

Prerequisites: Band II

The student describes and analyzes music and musical sound. The student explores fundamental skills appropriate for a developing young musician. The student reads and writes music notation using an established system for rhythm and melody. The student makes music at an appropriate level of difficulty and performs in a variety of genres from notation and by memory.

Choir I (03154131)

Course Code: 00004906

Grade: 6-8

Prerequisites: None

Beginning choir students are dedicated to becoming better musicians and singers. Vocal production, music notation, sight reading and music history are taught. Students are given the opportunity to sing in large groups, ensembles, and solos. After school rehearsals are generally not needed unless special circumstances arise.

Theatre Arts

The student develops concepts about self, human relationships, and the environment using elements of drama and conventions of theatre. The student interprets characters using the voice and body expressively and creates dramatizations. The student applies design, directing, and theatre production concepts and skills.

Theatre Arts 6 (03154140)

Course Code: 00004937

Grade: 6

Prerequisites: None

Theatre Arts 7 (03154240)
Course Code: 00004938
Grade: 7
Prerequisites: None

Theatre Arts 8 (03154340)
Course Code: 00004939
Grade: 8
Prerequisites: None

Art

The student develops and expands visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. The student uses what the student sees, knows, and has experienced as sources for examining, understanding, and creating original artworks.

Arts 6 (03154110)
Course Code: 00004962
Grade: 6
Prerequisites: None

Arts 7 (03154210)
Course Code: 00004963
Grade: 7
Prerequisites: None

Arts 8 (03154310)
Course Code: 00004964
Grade: 8
Prerequisites: None

GENERAL ELECTIVES:

AVID

AVID students learn organizational and study skills, develop critical thinking, learn to ask probing questions, receive academic help from peers and college tutors, and participate in enrichment and motivational activities to make their college dreams a reality.

Avid 6 (82900AVD)
Course Code: 00004996
Grade: 6
Prerequisites: None

Avid 7 (82990AVD)
Course Code: 00004997
Grade: 7
Prerequisites: None

Avid 8 (83800AVD)
Course Code: 00004998
Grade: 8
Prerequisites: None

STEM (Science, Technology, Engineering and Mathematics)

This course provides students the opportunity to use technology and hands-on activities to complete scientific research. Students explore their natural environment with the prospect of pursuing their science interest. Students will have the opportunity to work on Science Fair, Science Olympiad, and other independent as well as group projects. This class is taken in addition to the required Science class.

Stem Academy 6 (82700XXX)
Course Code: 00004841
Grade: 6
Prerequisites: None

Stem Academy 7 (82980XXX)
Course Code: 00004842
Grade: 7
Prerequisites: None

Stem Academy 8 (83700XXX)
Course Code: 00004843
Grade: 8
Prerequisites: None

PLTW- Project Lead the Way

This course consists of two modules. Computer Science for Innovators and Makers will allow students to discover computer science concepts and skills by creating personally relevant and shareable projects. Students will learn about programming for the physical world by blending hardware design and software development. They will design and develop a physical computing device, interactive art installation, and plan and develop code for microcontrollers that bring their physical designs to life. App Creators will expose students to computer science by computationally analyzing and developing solutions to authentic problems through mobile app development, and will convey the positive impact of the application of computer science to other disciplines and to society.

NOTE: Grades earned in high school credited courses will be calculated in the student's high school GPA in accordance with EIC(LOCAL) policy.

Gateway to Technology I – Project Lead the Way (PLTW) (N1303756)
Course Code: 00004525
High School Credit: 1
Grade: 6-8

Gateway to Technology II – Project Lead the Way (PLTW) (N1303757)
Course Code: 00004526
High School Credit: 1
Grade: 7-8
Prerequisites: None

Gateway to Technology III – Project Lead the Way (PLTW) (N1303758)

Course Code: 00004527

High School Credit: 1

Grade: 8

Office (850000FC)

Course Code: 00004960

Grade: 6-8

Prerequisites: Approval Required

Enhances office etiquette, interpersonal relations, and communication. Offers training in clerical work and the use of office machines.



HIGH SCHOOL WEIGHTED GRADE SYSTEM (RANK)

The District shall categorize and weight eligible courses as Level III, Level II, and Level I in accordance with provisions set forth in EIC(LOCAL) policy and as designated in appropriate District publications. Eligible AP and dual credit courses shall be categorized and weighted as Level III courses. Eligible Pre-AP and Honors courses shall be categorized and weighted as Level II courses. All other eligible courses shall be categorized and weighted as Level I courses.

The District shall convert semester grades earned in eligible courses to grade points and shall calculate a weighted GPA in accordance with the following chart:

GRADE	LEVEL III	LEVEL II	LEVEL I
100	7.0	6.0	5.0
90	6.0	5.0	4.0
80	5.0	4.0	3.0
70	4.0	3.0	2.0
60	3.0	2.0	0
59	0	0	0

